WHAT IS CLAIMED IS:

1. A multilayer film having at least two film layers made from different materials.

2. The multilayer film according to claim 1, wherein the film layers have different coefficients of thermal expansion.

3. The multilayer film according to claim 1, wherein at least one of the film layers is produced from a polyolefin.

4. The multilayer film according to claim 1, wherein at least one of the film layers is produced from polypropylene.

5. The multilayer film according to claim 1, wherein at least one of the film layers is produced from polyamide.

6. The multilayer film according to claim 1, wherein at least one of the film layers is produced from polyethylene terephthalate (PET).

7. The multilayer film according to claim 6, wherein the PET layer is oriented.

8. The multilayer film according to claim 1, wherein at least one of the film layers is produced from polyacrylonitrile.

9. The multilayer film according to claim 3, wherein at least one of the film layers is produced from a mixture or blend of members selected from the group consisting of polyolefin, polypropylene, polyamide, polyethylene terephthalate, and oriented polyethylene terephthalate.

10. The multilayer film according to claim 1, wherein at least one surface of the multilayer film is treated so that it has low bonding properties.

11. The multilayer film according to claim 10, wherein at least one side of the multilayer film is treated with silicone.

12. The multilayer film according to claim 10, wherein an anti-bonding agent is applied to the multilayer film by coating.

13. The multilayer film according to claim 10, wherein an anti-bonding agent is incorporated in an outermost film layer.

14. The multilayer film according to claim 1, wherein at least one film layer comprises a barrier layer against mineral oils.

15. The multilayer film according to claim 1, wherein a barrier layer against oils, oxygen or UV radiation is provided between two adjacent layers.

16. The multilayer film according to claim 15, wherein the barrier layer comprises a layer of lacquer.

17. The multilayer film according to claim 1, wherein the individual film layers are combined on the basis of their thermal stability.

18. The multilayer film according to claim 1, wherein the individual film layers are combined according to their mechanical strength.

19. The multilayer film according to claim 1, wherein the individual film layers are combined according to their

susceptibility to initial tearing or their tear propagation properties.

20. The multilayer film according to claim 1, wherein a tie layer or an adhesive is provided between two adjacent layers.

21. The multilayer film according to claim 10, wherein said at least two film layers comprise a first film layer and a second film layer, said first film being located further away from the surface with low bonding properties and having a larger coefficient of elongation than said second film layer.

22. A release film for bituminous membranes comprising the multilayer film of claim 1.

23. A release film for self-adhesive sealing membranes comprising the multilayer film of claim 1.

24. A release film for welded areas having overlap areas that are treated to be self-adhesive comprising the multilayer film of claim 1.